DECLARATION AND POWE	R OF ATTORNEY FOR UN	ITED STATES PATENT APPLICATIONS
(X) Original	() Supplemental	(·) Substitute

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name, and

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if more than one name is listed below) of the subject matter which is claimed and for which a United States patent is sought on the invention entitled

Gene Encoding a Protein Involved in the Signal Transduction Cascade Leading to Systemic Acquired Resistance in Plants

the specification of which

is attached hereto.

was filed on June 20, 1997 as Application No. 08/880,179 and, if these brackets contain an X [], was amended on

was filed as Patent Cooperation Treaty international Application No. PCT/
on , 199 , if these brackets contain an X [], entered the national stage in the United States and was accorded Application No.

and, if these brackets contain an X []

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment (s) referred to above and, if this application was filed as a Patent Cooperation Treaty international application, by an amendments made during the international stage (including any made under Patent Cooperation Treaty Rule 91, Article 19 and Article 34).

X [], was amended, subsequent to entry into the national stage on

I acknowledge the duty to disclose all information which is known by me to be material to the patentability of this application as defined in 37 C.F.R. §1.56.

I hereby claim the benefit under 35 U.S.C. §119 (a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate listed below and under 35 U.S.C. §365(a) of any Patent

Cooperation Treaty international application(s) designating at least one country other than the United States listed below and have also listed below any foreign application(s) for patent or inventor's certificate and Patent Cooperation Treaty international application(s) designating at least one country other than the United States for the same subject matter and having a filing date before that of the application the priority of which is claimed for that subject matter:

Country (or PCT)	Application No.	Filing Date (Month/Day/Year)	Priority Cl	aimed
			Yes	☐ No
	**		Yes	□ No
		·	Yes Yes	☐ No
			☐ Yes	☐ No

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date
60/020,272	June 21, 1996
60/024,883	August 30, 1996
60/033,177	December 13, 1996
60/034,379	December 27, 1996
60/034,730	January 10, 1997
60/035,022	January 10, 1997

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) listed below and under 35 U.S.C. §365(c) of any Patent Cooperation Treaty international application(s) designating the United States listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in said prior application(s) in the manner required by the first paragraph of 35 U.S.C. §112, I acknowledge my duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. §1.56 which became available between the filing date(s) of the prior application(s) and the national or Patent Cooperation Treaty international filing date of this application:

	United States Application No.	United States Filing Date	STATUS (Pending, Abandoned or U.S. Patent No.)	International Application No and Filing Date
				-

	I hereby appoint the r	egistered practitioners	associated with Customer No	. 001095 (currently)
	Michael W. Glynn (R	teg. No. 27,285)	Melvyn M. Kassenoff (F	Reg. No. 26,389)
	Joseph J. Borovian (Reg. No. 26,631)		Diane E. Furman (Reg. 1	No. 31,104)
Geoffrey Karny (Reg. No. 31,382)		Marla J. Mathias (Reg. 1	No. 32,663)	
	Thomas Hoxie (Reg. No. 32,993)		William A. Teoli, Jr. (R.	eg. No. 33,104)
	Henry P. Nowak (Reg. No. 33,200)		George R. Dohmann (Re	eg. No. 33,593)
	Kenneth R. Moseley	(Reg. No. 33,973)	Larry W. Stults (Reg. No	o. 34,025)
	Michael P. Morris (R	eg. No. 34,513)	R. Scott Meece (Reg. No	o. 34,675)
	Michael U. Lee (Reg.	. No. 35,240)	Carol A. Loeschorn (Re	g. No. 35,590)
	Gregory D. Ferraro (I	Reg. No. 36,134)	J. Timothy Meigs (Reg.	No. 38,241)
	Gary M. Pace (Reg. 1	No. 40,403)	Hesna J. Pfeiffer (Reg. 1	No. 22,640),
	Gabriel Lopez (Reg. 1	No. 28,440)	Norbert Gruenfeld (Reg.	No. 30,061)

respectively and individually, as my attorneys and agents, with full power of substitution, and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

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Lynn Marcus-Wyner (Reg. No. 34,869)

Please address all telephone calls to J. Timothy Meigs (919) 541-8587. Please address all correspondence to Michael W. Glynn, Patent & Trademark Department, Novartis Corporation, 59 Rte 10. East Hanover, New Jersey 07936-1080.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

IMPORTANT: Before this declaration is signed, the patent application (the specification, the claims and this declaration) must be read and understood by each person signing it, and no changes may be made in the application after this declaration has been signed.

John Andrew Puels

T dif fiding of sole	John Zhlaren Ryais		
or first inventor Inventor's signature	Mahalan K.h.	Date 28 August 1988	<u>'</u>
	(240	
Residence .	303 Brittany Place Cary, North Carolina 27511	نه به	
Citizenship	United States		
Post Office Address	Same as Above	•	
Full name of second or joint inventor, if an	Terrence Patrick Delaney		
Inventor's signature		Date	
Residence	18 Bean Hill Lane Ithaca, New York 14850		
Citizenship	United States		
Post Office Address	Same as Above	•	

ioint inventor, if any	Leslie Bethards Friedrich	4
Inventor's signature ⊆	Kebi Betharde Friedrich Date 28 C	went 1997
Residence	4208 Wyckford Place Apex, North Carolina 27502	
Citizenship	United States	•
Post Office Address	Same as Above	-
- !		
Full name of fourth joint inventor, if any	Kristianna Baldwin Weymann	*
Inventor's signature	Date	. .
Residence	7033 SE 34 th Street Portland, Oregon 97202	
Citizenship	United States	· .
Post Office Address	Same as Above	انسد
	•	
Full name of fifth or joint inventor, if	Kay Ann Lawton	ad kna-
Inventor's signatur	e factor Tais Date _28	1 August 1997
Residence	8016 Crooked Chute Court Raleigh, North Carolina 27612	
Citizenship	United States	
Post Office Addres	ss Same as Above	

Full name of sixth joint inventor, if any	Daniel Murray Ellis
	Davil Murry De Date 2/29/97
Inventor's signature	Date 901/91
Residence	201 Medcon Court Cary, North Carolina 27511
Citizenship	United States
Post Office Address	Same as Above
•	•
Full name of seventh joint inventor, if any	Scott Joseph Uknes
Inventor's signature _	Sattfille Date 8-28-97
Residence	1003 Pinedale Drive Apex, North Carolina 27502
Citizenship	United States
Post Office Address	Same as Above
	نيد
	·
Full name of eighth joint inventor, if any	Taco Peter Jesse :
Inventor's signature_	Date
Residence	Johan Fabriciuskade 10 6708 SG, The Netherlands
Citizenshin .	•

Full name of ninth	Pieter Vos			
joint inventor, if any	•	v		
	•		Date	
Inventor's signature				

Dorpstraat 22 3927 BD Renswoude, The Netherlands Residence

Netherlands

Citizenship Same as Above Post Office Address

DECLARATION AND POWER OF ATTORNEY FOR UNITED STATES PATENT APPLICATIONS (X) Original () Supplemental () Substitute

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Country (or PCT)	Application No.	Filing Date (Month/Day/Year)	Priority Cla	aimed
		-	Yes Yes	☐ No
			☐ Yes	☐ No
		-	Yes .	☐ No
			Yes	☐ No

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			•	
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			U.S. Patent No.)	and Filing Date
	I hereby appoint the re	gistered practitioners	associated with Customer No	o. 001095 (currently)
	Michael W. Glynn (Re	eg. No. 27,285)	Melvyn M. Kassenoff (I	Reg. No. 26,389)
	Joseph J. Borovian (Re	eg. No. 26,631)	Diane E. Furman (Reg.	No. 31,104)
Geoffrey Karny (Reg. No. 31,382)		Marla J. Mathias (Reg. 1	No. 32,663)	
	Thomas Hoxie (Reg. 1	vo. 32,993)	William A. Teoli, Jr. (R	eg. No. 33,104)
	Henry P. Nowak (Reg.	No. 33,200)	George R. Dohmann (Re	eg. No. 33,593)
	Kenneth R. Moseley (Reg. No. 33,973)	Larry W. Stults (Reg. N	o. 34,025)
	Michael P. Morris (Re	g. No. 34,513)	R. Scott Meece (Reg. N	o. 34,675)
	Michael U. Lee (Reg.	No. 35,240)	Carol A. Loeschorn (Re	g. No. 35,590)
	Gregory D. Ferraro (R	eg. No. 36,134)	J. Timothy Meigs (Reg.	No. 38,241)
	Gary M. Pace (Reg. N	o. 40,403)	Hesna J. Pfeiffer (Reg. 1	No. 22,640),
	Gabriel Lopez (Reg. N	o. 28,440)	Norbert Gruenfeld (Reg.	. No. 30,061)

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Lynn Marcus-Wyner (Reg. No. 34,869)

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or first inventor	John Andrew Kyais
Inventor's signature	Date
Residence.	303 Brittany Place Cary, North Carolina 27511
Citizenship	United States
Post Office Address	Same as Above :
or joint inventor, if an	Terrence Patrick Delaney ny inuli Patrick Delaney Date Sopt. 3 1997
Residence	18 Bean Hill Lane Ithaca, New York 14850
Citizenship	United States
Post Office Address	Same as Above

Full name of third joint inventor, if any	Leslie Bethards Friedrich		
Inventor's signature	`	Date	_
Residence .	4208 Wyckford Place Apex, North Carolina 27502		
Citizenship	United States		
Post Office Address	Same as Above		
	•		
Full name of fourth joint inventor, if any	Kristianna Baldwin Weymann		
Inventor's signature_		Date	
Residence	7033 SE 34 th Street Portland, Oregon 97202		
Citizenship	United States		
Post Office Address	Same as Above		
Full name of fifth or joint inventor, if an		:	
Inventor's signature _		Date	
Residence	8016 Crooked Chute Court Raleigh, North Carolina 27612		
Citizenship	United States		

Full name of sixth joint inventor, if any	Daniel Murray Ellis		
Inventor's signature _		Date	
Residence	201 Medcon Court Cary, North Carolina 27511		
Citizenship	United States		••
Post Office Address	Same as Above		
		_	•
Full name of seventh joint inventor, if any	Scott Joseph Uknes		
Inventor's signature		Date	-
Residence	1003 Pinedale Drive Apex, North Carolina 27502		
Citizenship	United States		•
Post Office Address	Same as Above	•	
Full name of eighth joint inventor, if an	Taco Peter Jesse	:	
Inventor's signature	·	Date	
Residence	Johan Fabriciuskade 10 6708 SG, The Netherlands		
Citizenship		•	
Post Office Addres	s Same as Above		•

Full name of ninth Pieter Vos joint inventor, if any

Inventor's signature ______Date _____

Residence Dorpst

Dorpstraat 22 3927 BD Renswoude, The Netherlands

Citizenship Netherlands

DECLARATION AND POW	ER OF ATTORNEY FOR UN	ITED STATES PATENT APPLI	CATIONS
(X) Original	() Supplemental	() Substitute	

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	is attached hereto.
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least one country other than the United States for the same subject matter and having a filing date
before that of the application the priority of which is claimed for that subject matter:

Country (or PCT)	Application No.	Filing Date (Month/Day/Year)	Priority Cla	imed
			☐ Yes	□ No
			Yes	□ No
	<u> </u>	American de la constantina della constantina del	Yes	□ No
-		-	Yes Yes	☐ No

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below:

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Joseph J. Borovian (Reg. No. 26,631)		Diane E. Furman (Reg. 1	No. 31,104)	
Geoffrey Karny (Reg. No. 31,382)		Marla J. Mathias (Reg. 1	vo. 32,663)	
	Thomas Hoxie (Reg.	No. 32,993)	William A. Teoli, Jr. (Re	eg. No. 33,104)
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	Kenneth R. Moseley	(Reg. No. 33,973)	Larry W. Stults (Reg. No	. 34,025)
	Michael P. Morris (R	eg. No. 34,513)	R. Scott Meece (Reg. No	0. 34,675)
	Michael U. Lee (Reg	. No. 35,240)	Carol A. Loeschorn (Reg	g. No. 35,590)
	Gregory D. Ferraro (1	Reg. No. 36,134)	J. Timothy Meigs (Reg.	No. 38,241)
	Gary M. Pace (Reg. 1	No. 40,403)	Hesna J. Pfeiffer (Reg. N	To. 22,640),
	Gabriel Lopez (Reg.	No. 28,440)	Norbert Gruenfeld (Reg.	No. 30,061)
	Lynn Marcus-Wyner	(Reg. No. 34,869)		-

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or first inventor	John Andrew Kyais		
Inventor's signature_		Date	
Residence	303 Brittany Place Cary, North Carolina 27511		
Citizenship	United States		
Post Office Address	Same as Above	;	
Full name of second or joint inventor, if ar	Terrence Patrick Delaney		*
Inventor's signature_		Date	
Residence	18 Bean Hill Lane Ithaca, New York 14850		
Citizenship	United States		
Post Office Address	Same as Above		

•	
Full name of third joint inventor, if any	Leslie Bethards Friedrich
Inventor's signature	Date
Residence	4208 Wyckford Place Apex, North Carolina 27502
Citizenship	United States
Post Office Address	Same as Above
Full name of fourth joint inventor, if any	Kristianna Baldwin Weymann
Inventor's signature	Cidraina Baldwin Wep Date 3 Sept 97
Residence	7033 SE 34 th Street Portland, Oregon 97202
Citizenship	United States
Post Office Address	Same as Above
Full name of fifth or joint inventor, if ar	Kay Ann Lawton
Inventor's signature	Date
Residence	8016 Crooked Chute Court Raleigh, North Carolina 27612
Citizenship	United States

Full name of sixth joint inventor, if any	Daniel Murray Ellis	
Inventor's signature_		_Date
Residence	201 Medcon Court Cary, North Carolina 27511	
Citizenship	United States	-
Post Office Address	Same as Above	
	: .	
Full name of seventh joint inventor, if any	Scott Joseph Uknes	
Inventor's signature _		Date
Residence	1003 Pinedale Drive Apex, North Carolina 27502	
Citizenship	United States	
Post Office Address	Same as Above	
		•
Full name of eighth joint inventor, if any	Taco Peter Jesse	· · · · · ·
Inventor's signature _		_ Date
Residence	Johan Fabriciuskade 10 6708 SG, The Netherlands	· · · · · · · · · · · · · · · · · · ·
Citizenship	-	
Post Office Address	Same as Above	

Full name of ninth joint inventor, if any	Pieter Vos	
Inventor's signature	Date	e
Residence	Dorpstraat 22 3927 BD Renswoude, The Netherlands	

Post Office Address Same as Above

Citizenship

Netherlands

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Thomas Hoxie (Reg. No. 32,993)	William A. Teoli, Jr. (Reg. No. 33,104)		
Henry P. Nowak (Reg. No. 33,200)	George R. Dohmann (Reg. No. 33,593)		
Kenneth R. Moseley (Reg. No. 33,973)	Larry W. Stults (Reg. No. 34,025)		
Michael P. Morris (Reg. No. 34,513)	R. Scott Meece (Reg. No. 34,675)		
Michael U. Lee (Reg. No. 35,240)	Carol A. Loeschorn (Reg. No. 35,590)		
Gregory D. Ferraro (Reg. No. 36,134)	J. Timothy Meigs (Reg. No. 38,241)		
Gary M. Pace (Reg. No. 40,403)	Hesna J. Pfeiffer (Reg. No. 22,640),		
Gabriel Lopez (Reg. No. 28,440)	Norbert Gruenfeld (Reg. No. 30,061)		

respectively and individually, as my attorneys and agents, with full power of substitution, and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

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Lynn Marcus-Wyner (Reg. No. 34,869)

Please address all telephone calls to J. Timothy Meigs (919) 541-8587. Please address all correspondence to Michael W. Glynn, Patent & Trademark Department, Novartis Corporation, 59 Rte 10, East Hanover, New Jersey 07936-1080.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

IMPORTANT: Before this declaration is signed, the patent application (the specification, the claims and this declaration) must be read and understood by each person signing it, and no changes may be made in the application after this declaration has been signed.

or first inventor	John Andrew Ryais	•
Inventor's signature _		_ Date
Residence	303 Brittany Place Cary, North Carolina 27511	دند
Citizenship	United States	
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Full name of second or joint inventor, if an	Terrence Patrick Delaney y	
Inventor's signature _		Date
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Citizenship	United States	
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Full name of third joint inventor, if any			٠.,
Inventor's signature		Date	
Residence	4208 Wyckford Place Apex, North Carolina 27502		
Citizenship	United States		•
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	·		-
Full name of fourth joint inventor, if any	Kristianna Baldwin Weymann		
Inventor's signature		Date	
Residence	7033 SE 34 th Street Portland, Oregon 97202		
Citizenship	United States		-
Post Office Address	Same as Above		
Full name of fifth or joint inventor, if an	Kay Ann Lawton Iy		•
Inventor's signature _		Date	
Residence	8016 Crooked Chute Court Raleigh, North Carolina 27612		٠.
Citizenship	United States		
Post Office Address	Same as Above		

and the second second			
Full name of sixth joint inventor, if any	Daniel Murray Ellis		
Inventor's signature		Date	
Residence	201 Medcon Court Cary, North Carolina 27511		
Citizenship	United States		••
Post Office Address	Same as Above		
		_	•
Full name of seventh joint inventor, if any	Scott Joseph Uknes		
Inventor's signature		Date	
Residence	1003 Pinedale Drive Apex, North Carolina 27502		
Citizenship	United States		
Post Office Address	Same as Above		-
		·	<i>-</i>
Full name of eighth joint inventor, if an		ο τ :	, th
Inventor's signature	:	Date Sept.	10
Residence	Johan Fabriciuskade 10 6708 SG The Netherlands	. 1	177 6
Citizenship	V		
Post Office Addres	s Same as Above		

Full name of ninth joint inventor, if any	Pieter Vos
Inventor's signature	Date
Residence	Dorpstraat 22 3927 BD Renswoude, The Netherlands
Citizenship	Netherlands

DECLARATION AND POWE	₹0	F ATTORNEY FOR	R UNITED STATES PATENT APPLICATIONS
(X) Original	() Supplemental	() Substitute

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name, and

I believe I am the original, first and sole inventor (if only one name is listed below) or an

original, first and joint inventor (if more than one name is listed below) of the subject matter which is claimed and for which a United States patent is sought on the invention entitled Gene Encoding a Protein Involved in the Signal Transduction Cascade Leading to Systemic Acquired Resistance in Plants
the specification of which
is attached hereto.
was filed on June 20, 1997 as Application No. 08/880,179 and, if these brackets contain an X [], was amended on

was filed as Patent Cooperation Treaty international Application No. PCT/
on , 199 , if these brackets contain an X [], entered the national stage in the
United States and was accorded Application No. and, if these brackets contain an

X [], was amended, subsequent to entry into the national stage on , 199

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment (s) referred to above and, if this application was filed as a Patent Cooperation Treaty international application, by an amendments made during the international stage (including any made under Patent Cooperation Treaty Rule 91, Article 19 and Article 34).

I acknowledge the duty to disclose all information which is known by me to be material to the patentability of this application as defined in 37 C.F.R. §1.56.

I hereby claim the benefit under 35 U.S.C. §119 (a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate listed below and under 35 U.S.C. §365(a) of any Patent

Cooperation Treaty international application(s) designating at least one country other than the United States listed below and have also listed below any foreign application(s) for patent or inventor's certificate and Patent Cooperation Treaty international application(s) designating at least one country other than the United States for the same subject matter and having a filing date before that of the application the priority of which is claimed for that subject matter:

Country (or PCT)	Application No.	Filing Date (Month/Day/Year)	Priority Cl	aimed
	-	-	Yes	☐ No
	.		☐ Yes	☐ No
			Yes Yes	☐ No
			☐ Yes	☐ No

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date
60/020,272	June 21, 1996
60/024,883	August 30, 1996
60/033,177	December 13, 1996
60/034,379	December 27, 1996
60/034,730	January 10, 1997
60/035,022	January 10, 1997

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) listed below and under 35 U.S.C. §365(c) of any Patent Cooperation Treaty international application(s) designating the United States listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in said prior application(s) in the manner required by the first paragraph of 35 U.S.C. §112, I acknowledge my duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. §1.56 which became available between the filling date(s) of the prior application(s) and the national or Patent Cooperation Treaty international filling date of this application:

<u>United States</u> Application No.	United States Filing Date	STATUS (Pending, Abandoned or U.S. Patent No.)	International Application No. and Filing Date		
·					
I hereby appoint the r	egistered practitioners	associated with Customer No	. 001095 (currently)		
Michael W. Glynn (Reg. No. 27,285)		Melvyn M. Kassenoff (Reg. No. 26,389)			
Joseph J. Borovian (Reg. No. 26,631) Geoffrey Karny (Reg. No. 31,382)		Diane E. Furman (Reg. No. 31,104) Marla J. Mathias (Reg. No. 32,663)			
Henry P. Nowak (Reg	g. No. 33,200)	George R. Dohmann (Re	g. No. 33,593)		
Kenneth R. Moseley (Reg. No. 33,973) Michael P. Morris (Reg. No. 34,513)		Larry W. Stults (Reg. No. 34,025)			
		R. Scott Meece (Reg. No. 34,675)			
Michael U. Lee (Reg.	No. 35,240)	Carol A. Loeschorn (Reg	g. No. 35,590)		
Gregory D. Ferraro (F	Reg. No. 36,134)	J. Timothy Meigs (Reg.	No. 38,241)		
Gary M. Pace (Reg. N	Io. 40,403)	Hesna J. Pfeiffer (Reg. N	Hesna J. Pfeiffer (Reg. No. 22,640),		
Gabriel Lopez (Reg. 1	No. 28,440)	Norbert Gruenfeld (Reg.	No. 30,061)		
	Application No. I hereby appoint the remainder of the re	Application No. Filing Date I hereby appoint the registered practitioners Michael W. Glynn (Reg. No. 27,285) Joseph J. Borovian (Reg. No. 26,631) Geoffrey Karny (Reg. No. 31,382) Thomas Hoxie (Reg. No. 32,993) Henry P. Nowak (Reg. No. 33,200) Kenneth R. Moseley (Reg. No. 33,973)	Application No. Filing Date Abandoned or U.S. Patent No.) I hereby appoint the registered practitioners associated with Customer No Michael W. Glynn (Reg. No. 27,285) Melvyn M. Kassenoff (R Joseph J. Borovian (Reg. No. 26,631) Diane E. Furman (Reg. No. 26,631) Marla J. Mathias (Reg. No. 26,631) William A. Teoli, Jr. (Reformed P. Nowak (Reg. No. 32,993) William A. Teoli, Jr. (Reformed P. Nowak (Reg. No. 33,200) George R. Dohmann (Reformed P. Morris (Reg. No. 34,513) R. Scott Meece (Reg. No. 36,134) Gregory D. Ferraro (Reg. No. 36,134) J. Timothy Meigs (Reg. No. 36,134) Hesna J. Pfeiffer (Reg. No. 10,100)		

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John Andrew Ryals

Of Thist inventor		
Inventor's signature		Date
Residence	303 Brittany Place Cary, North Carolina 27511	ن در
Citizenship	United States	
Post Office Address	Same as Above	:
Full name of second or joint inventor, if ar	Terrence Patrick Delaney	
Inventor's signature		Date
Residence	18 Bean Hill Lane Ithaca, New York 14850	
Citizenship	United States	
Post Office Address	Same as Above	
	•	

Full name of sole

Full name of third joint inventor, if any			
Inventor's signature	·	Date	
Residence	4208 Wyckford Place Apex, North Carolina 27502		
Citizenship	United States		
Post Office Address	Same as Above		
	•	`	
	•		
Full name of fourth joint inventor, if any	Kristianna Baldwin Weymann		
Inventor's signature	•	Date	
Residence	7033 SE 34 th Street Portland, Oregon 97202	•	
Citizenship	United States		
Post Office Address	Same as Above		
			-
Full name of fifth or joint inventor, if an	Kay Ann Lawton		
Inventor's signature_		Date	
Residence	8016 Crooked Chute Court Raleigh, North Carolina 27612		
Citizenship	United States		
Post Office Address	Same as Above		

Full name of sixth joint inventor, if any	Daniel Murray Ellis		
Inventor's signature		Date	
Desidonce	201 Medcon Court Cary, North Carolina 27511		
Citizenship	United States	•	
Post Office Address	Same as Above		
	••	~	
Full name of seventh joint inventor, if any	Scott Joseph Uknes		
Inventor's signature		Date	·
Residence	1003 Pinedale Drive Apex, North Carolina 27502		
Citizenship	United States		
Post Office Address	Same as Above		
· .	·		
Full name of eighth joint inventor, if any	Taco Peter Jesse	\$,	
Inventor's signature		Date	
Residence	Johan Fabriciuskade 10 6708 SG, The Netherlands		
Citizenship			
Post Office Addres	s Same as Above		

Full name of ninth

joint inventor, if any

Pieter Vos

Inventor's signature

Date **W.09.19**

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